REMARKS

Reconsideration of this application, in view of the foregoing amendments and the following remarks, is respectfully requested.

Claim Objections

Claims 1 and 14 are objected to because of certain informalities. These claims have been amended to remove the identified informalities.

Claim Rejections under 35 USC §102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

Claim 1 is rejected under 35 U.S.C. 102(b) as being anticipated by Widdowson (WO 99/38270). Applicants respectfully traverse these rejections.

To anticipate a claim under 35 U.S.C. §102(b), the reference must teach each and every limitation of the claim. Widdowson does not teach each and every limitation of claim 1.

As to claim 1, the Examiner has stated that "[f]igure 10 of Widdowson discloses the claimed invention including receiving **data packets** comprising **wideband packets** and **narrowband packets**;" (Page 3, emphasis added). Applicants respectfully disagree. Widdowson does not disclose receiving data packets. In contrast, Widdowson discloses receiving modulated composite signals. In fact, in figure 11, Widdowson further describes the method of demodulating the composite signal as the narrowband signal and removing the wideband signal as an error (*see* GSM modulator 42) and then re-modulating the narrowband signal to reproduce the re-modulated narrowband signal (*see* GSM Modulator 44) while processing in parallel, the composite signal as the wideband signal (*see* GSM channel estimate 43) and using the re-modulated narrowband signal to adjust the estimated signal in the inverse equalizer 45. (*See* figure 11, page 10, lines 4-27). According to Widdowson, the "estimates are used to adjust the **phase** and **amplitude** of the estimated signal by an inverse equaliser [sic] 45."

Thus, Widdowson does not disclose receiving data packets as recited in claim 1. Accordingly, Widdowson does not teach each and every limitation of claim 1 and claim 1 is patentably distinguishable from the cited reference.

Claim 12 is rejected under 35 U.S.C. 102(e) as being anticipated by Roberts (US Patent No. 6,577,670 B1. Applicants respectfully traverse these rejections.

As to claim 12, Roberts does not disclose each and every limitation of claim 12. Roberts does not disclose receiving packets as recited in claim 12. In fact, in the cited sections, Roberts describes predicting frequencies that can be used to program notch filters. Thus, Roberts does not teach all limitations of claim 12 as required for anticipation under 35 U.S.C. §102(e). Accordingly, claim 12 is patentably distinguishable from Roberts.

Claim Rejections - 35 USC §103

Claim 4 is rejected under 35 U.S.C. 103(a) as being unpatentable over Widdowson as applied to claim 1 above, and further in view of Roberts. Applicants respectfully traverse this rejection.

Claim 4 depends from claim 1, which has been distinguished from Widdowson for failing to disclose data packet transaction as recited in claim 1. Therefore, the combination of Widdowson and Roberts cannot render claim 4 obvious. Accordingly, claim 4 is patentably distinguishable from the combination of cited references for at least the same reason as claim 1.

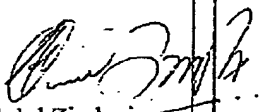
Claims 14 and 15 are rejected under 35 U.S.C. 103(a) as being unpatentable over Roberts as applied to claim 12 above, and further in view of Widdowson. Applicants respectfully traverse these rejections.

Claims 14 and 15 depend from claim 12, which has been distinguished from Roberts for failing to disclose data packet transaction as recited in claim 1. Therefore, the combination of Widdowson and Roberts cannot render claim 4 obvious. Accordingly, claims 14 and 15 are patentably distinguishable from the combination of cited references for at least the same reason as claim 12.

Further, Roberts does not subtract packets, instead, it describes using frequencies to "the synthesized bandpass characteristic of thte filter to insert, notches that are aligned with the respective frequencies identified by the FHSS frequency hop predictor." (Col. 3, lines 32-38). Similarly, Widdowson discloses receiving modulated composite signals. Accordingly, neither of the cited references teach or suggest every limitation of claim 14 and 15. Therefore, claims 14 and 15 are further patentably distinguishable from the combination of the cited references.

Applicant believes this application and the claims herein to be in a condition for allowance. Should the Examiner have further inquiry concerning these matters, please contact the below named attorney for Applicant.

Respectfully submitted,



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